

ANNA CURREY

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EDUCATION

Ph.D. in Informatics 2016 - 2019 (expected)

Institute for Language, Cognition and Computation; University of Edinburgh

- Thesis: Moving beyond parallel resources in neural machine translation
- Supervisor: Kenneth Heafield

M.Sc. in Language Science and Technology 2014 - 2016

Saarland University and University of Lorraine

- Thesis: Dynamic adjustment of language models for ASR
- Supervisors: Irina Illina, Dominique Fohr, Dietrich Klakow
- GPA: 1.0 / 1.0 (Germany) and 18.3 / 20 (France)

B.A. in Mathematics and Linguistics 2006 - 2010

University of California, Berkeley

- GPA: 3.97 / 4.0

PUBLICATIONS

Anna Currey and Kenneth Heafield. 2018. **Unsupervised source hierarchies for low-resource neural machine translation**. *ACL Workshop on Relevance of Linguistic Structure in Neural Architectures for NLP*.

Anna Currey, Antonio Valerio Miceli Barone, and Kenneth Heafield. 2017. **Copied monolingual data improves low-resource neural machine translation**. *Second Conference on Machine Translation*.

Rico Sennrich, Alexandra Birch, Anna Currey, Ulrich Germann, Barry Haddow, Kenneth Heafield, Antonio Valerio Miceli Barone, and Philip Williams. 2017. **The University of Edinburgh's neural MT systems for WMT17**. *Second Conference on Machine Translation*.

Anna Currey. 2017. **Copied monolingual data for neural machine translation**. *First Workshop for Women and Underrepresented Minorities in Natural Language Processing*.

Anna Currey, Irina Illina, and Dominique Fohr. 2016. **Dynamic adjustment of language models for automatic speech recognition**. *IEEE Workshop on Spoken Language Technology*.

Anna Currey, Alina Karakanta, and Jon Dehdari. 2016. **Using related languages to enhance statistical language models**. *NAACL Student Research Workshop*.

Manisha Gandhi, Anna Currey, and Jürgen Trouvain. 2015. **Marking focus in L2 French and German**. *International Conference on Prominence in Language*.

PROFESSIONAL EXPERIENCE

Siri Research Intern, Apple 2018
Research on neural machine translation

Teaching Assistant, University of Edinburgh 2016 - 2018
TA, tutor, and marker for machine translation and natural language processing courses

Intern, MULTISPEECH Team, Inria 2016
Designed and implemented techniques for dynamically adding out-of-vocabulary words to language models in a speech recognition system

Research Assistant, Saarland University 2014 - 2015
Automated corpus text processing and implemented language models for the Information Density and Linguistic Encoding Research Center

Product Designer, IXL 2012 - 2014
Designed and managed implementation of over 30 features for IXL's three educational software products; principal designer for upcoming games website

Analyst, Beghou Consulting 2011
Developed sales-force management systems and customer databases for pharmaceutical companies using SAS, Access, and VBA

SKILLS

- Programming: Python, SAS, C, C++, SQL, Bash
- Toolkits: PyTorch, TensorFlow, MXNet, Theano, NLTK, gensim, Stanford CoreNLP
- Languages: English, Spanish, Catalan, German, French

AWARDS AND ACHIEVEMENTS

- WMT17 best constrained system for EN-TR and TR-EN; 2017
- University of Lorraine *mention très bien* (equivalent to *summa cum laude*); 2016
- Erasmus Mundus Category A Scholarship; 2014-2016
- DAAD Graduate Scholarship; 2014-2015 (declined)
- Fulbright Grant to Andorra; 2011-2012
- UC Berkeley Highest Distinction in General Scholarship (equivalent to *summa cum laude*); 2010
- UC Berkeley Percy Lionel Davis Award for Excellence in Scholarship in Mathematics; 2010
- UC Berkeley Geballe Research Award; 2010
- UC Berkeley Dean's List; 2006-2010